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SEQUENCE LISTING

<110> National Institute of Advanced Industrial Science and Technology
Nippon, Co. Ltd.

<120> Chimera mouse for Bradeion gene having the inhibited expression

<130> PH-1500-PCT

<140> PCT/JP2002/010599

<141> 2002-10-11

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<170> PatentIn Ver. 2.0

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<211> 1649

<212> DNA

<213> Mus musculus

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<221> CDS

<222> (36)..(1472)

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His Phe Leu Glu Asp Ser Ser Asp Asp Ala Glu Leu Ser Lys Phe Val	
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Lys Asp Phe Pro Gly Ser Glu Pro Tyr His Ser Ala Glu Ser Lys Thr	
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agg gtg gcc agg ccc cag atc ttg gag cca agg ccc cag agc cca gac	245
Arg Val Ala Arg Pro Gln Ile Leu Glu Pro Arg Pro Gln Ser Pro Asp	
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Leu Cys Asp Asp Asp Val Glu Phe Arg Gly Ser Leu Trp Pro Gln Pro	
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Ser Asp Ser Gln Gln Tyr Phe Ser Ala Pro Ala Pro Leu Ser Pro Ser	
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Ser Arg Pro Arg Ser Pro Trp Gly Lys Leu Asp Pro Tyr Asp Ser Ser	
105 110 115	

gag gat gac aag gag tat gtg ggc ttt gca acc ctc ccc aat caa gtc	437
Glu Asp Asp Lys Glu Tyr Val Gly Phe Ala Thr Leu Pro Asn Gln Val	
120 125 130	
cac agg aag tct gtg aag aaa ggc ttt gac ttt aca ctc atg gtg gca	485
His Arg Lys Ser Val Lys Lys Gly Phe Asp Phe Thr Leu Met Val Ala	
135 140 145 150	
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Thr Asp Leu Tyr Arg Asp Arg Lys Leu Leu Gly Ala Glu Glu Arg Ile	
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Gly Val Arg Leu Arg Leu Thr Ile Val Asp Thr Pro Gly Phe Gly Asp	
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His Gln Arg Val Asn Ile Val Pro Ile Leu Ala Lys Ala Asp Thr Leu
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Thr Pro Pro Glu Val Asp Arg Lys Lys Cys Lys Ile Arg Glu Glu Ile
295 300 305 310

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His Met Gln Asp Leu Lys Asp Val Thr Arg Glu Thr His Tyr Glu Asn			
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Tyr Arg Ala Gln Cys Ile Gln Ser Met Thr Arg Leu Val Val Lys Glu			
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Arg Asn Arg Asn Lys Leu Thr Arg Glu Ser Gly Thr Asp Phe Pro Ile			
425	430	435	
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Pro Ala Val Pro Pro Gly Thr Asp Pro Glu Thr Glu Lys Leu Ile Arg			
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gag aaa gac gaa gag ctg cgg cgg atg cag gag atg tta cac aaa atc			1445
Glu Lys Asp Glu Glu Leu Arg Arg Met Gln Glu Met Leu His Lys Ile			
455	460	465	470

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Gln Arg Gln Met Lys Glu Thr His

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Met Asp Arg Ser Leu Gly

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Trp Gln Gly Asn Ser Val Pro Glu Asp Arg Thr Glu Ala Gly Ile Lys

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20

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Arg Phe Leu Glu Asp Thr Thr Asp Asp Gly Glu Leu Ser Lys Phe Val

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35

aag gat ttc tca gga aat gcg agc tgc cac cca cca gag gct aag acc 258

Lys Asp Phe Ser Gly Asn Ala Ser Cys His Pro Pro Glu Ala Lys Thr

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Trp Ala Ser Arg Pro Gln Val Pro Glu Pro Arg Pro Gln Ala Pro Asp

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Leu Tyr Asp Asp Asp Leu Glu Phe Arg Pro Pro Ser Arg Pro Gln Ser

75

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Cys Val Cys Val Cys Leu Cys Val Cys Val Ser Gly Thr Tyr Phe Ser			
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